

Sheet 1 of 1

Form PTO-1449 (Modified)				Atty. Docket No. 27/277		Application No. 10/572,555		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY)				Applicant: Menachem Nathan				
				Filing Date: March 17, 2007		Group Art Unit:		
U.S. PATENT DOCUMENTS								
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
AJ								
AK								
AL								
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
AM	w	Zickar, Noell, Marxer and Rooij "4x4 & 8x8 Optical Cross Connect for Optical Fiber Networks" SPIE vol. 5455, pp. 212-219, (2004)						
AN								
AO								
EXAMINER <i>Jurley</i>				DATE CONSIDERED 01/2008				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



Sheet 1 of 4

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				Filing Date: March 17, 2007		Group Art Unit: 2874		
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							YES	NO
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AK								
AL								
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
AM	TW	Monolithic Coupling of a SU8 Waveguide to A Silicon Photodiode by M. Nathan et al Journal Of Applied Physics, Vol. 94 pp. 7932-7934, 2003						
AN	TW	Chapter 2 of thesis: Fabrication and Characterization of a Monolithic Integration Between Planar Waveguide and Photodiode by Oren Levy, TA University June 2003						
AO	W	M.H. Wu and G.M. Whitesides, J. Micromech, Microeng. 12 (2002), pp. 747-758 Fabrication of two-dimensional arrays of Microlenses and their applications in Photolithography						
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U.S. PATENT DOCUMENTS							
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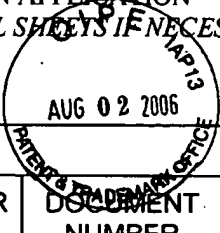
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						YES	NO	
BJ								
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BM	TW	S. Chen et al. Infrared Physics & Technol. - Monolithic Integration Technique for Microlens Arrays with Infrared Focal Plane Arrays Vol 43, pp. 109-112, (2002)
BN	TW	M.V. Kunnavakkam et al, Applied Physics Letters- "Low Cost, Low-loss microlens arrays fabricated by soft-lithography replication process, Vol. 82 pp. No. 8, 1152-1154, (2003)
BO	TW	N.P. Eisenberg et al.; Materials Science in Semiconductor Processing, Vol 3, pp. 443-448, 2000; "New Types of Microlens Arrays for the IR Based on Inorganic Chalcogenide Photoresists

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>01/2008</i>
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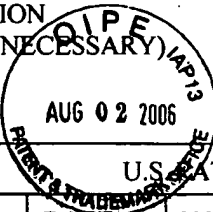
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
CM	~	Journal of Optoelectronics and Adv. Materials Vol 2, No. 2, 2000, pp. 147-152, 2000 "Infrared Microlems Arrays Based on Chalcogenide Photoresist, Fabricated By Thermal Reflow Porcess"
CN	~	Journal of Optoelectronics and Adv. Materials Vol 4, Nr.2 (June 2002)- pp. 405-407, "As2S3 Based Arrays of Large-Size IR Microlenses"
CO	~	M. He et al., Applied Optics, Vol. 42, No. 36 pp.7174-7178, (2003) "Reflow Technique for the Fabrication of An Elliptical Mircolens Array in Sol-Gel Material"
CP		M. Nathan, Journal of Applied Physics; Vol. 94, No. 12 , pp. 7932-7934 (Dec. 15, 2003) "Monolithic Coupling of a/SU8 Waveguide to a Silicon Photodiode."

EXAMINER <i>July</i>	DATE CONSIDERED <i>01/2008</i>
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							YES	NO
DJ								
DK								
DL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DM	W	M. Nathan; Applied Physics Letters Vol 85, No. 14; (Oct 2004) pp. 2688-2690 "Microlens Reflector For Out-of Plane Optical Coupling of A Waveguide to A Buried Silicon Photodiode"
DN	W	Y. Ohmori et al., Thin Solid Films 393 (2001) 267-272, "Organic Electroluminescent Diodes As a Light Source for polymeric waveguides- toward organic integrated optical devices"
DO		

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